

Air Quality Summary—April 2008

Meteorology:

The month of April had near-average temperatures and rainfall. The average temperature for the month was 68.8°F, which is 2.2°F higher than normal. The highest temperature of the month was 90°F and occurred on April 22. Precipitation totals were 2.89 inches below normal with only 2.67 inches of rain.


Ozone Episodes:

There were three days over the new 75 ppb standard in the Baton Rouge area. On April 30, Pride was over the standard for 5 hours with a high 8-hour average concentration of 80 ppb or 111 AQI and French Settlement was above the standard for 3 hours with a high of 77 ppb or 104 AQI. Dutchtown had a high 8-hour average of 81 ppb or 114 AQI and was over the standard for 3 hours on April 29. Pride rose above 75 ppb for 4 hours on April 20, with an 8-hour average high reading of 83 ppb or 119 AQI.

April 22 was declared an Ozone Action Day in the Baton Rouge area.

Other areas of the state had readings above the standard in the month of April. Madisonville had a high reading of 83 ppb (119 AQI) on April 20, 76 ppb (101 AQI) on April 21 and 82 ppb (116 AQI) on April 30. Lafayette was above the standard for one hour at 76 ppb (101 AQI) on April 29 and New Orleans City Park had a high 8-hour average of 81 ppb (114 AQI) on April 30.

Statewide 8-HR Ozone Readings
Above 75 ppb

			
0-50	Good	DATE	AQI
51-100	Moderate		8-HR Ozone Concentration (ppb)
101-150	Unhealthy for Sensitive Groups		MONITORING SITE
151-200	Unhealthy	4/20/08	119
201-300	Very Unhealthy		83
			Pride
			119
			Madisonville
		4/21/08	101
			76
			Madisonville
		4/29/08	114
			81
			Dutchtown
			101
			76
			Lafayette—USGS
		4/30/08	116
			82
			Madisonville
			114
			81
			N.O. City Park
			111
			80
			Pride
			104
			77
			French Settlement

